

SDMS US EPA REGION V -1

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11-26-86

TEPA H2O factors

Subject

1) Resource Evaluation (Prep) with Polling Abatement

Program: Village of Saugat, VT. Phase I Report

15 May 1972

Study to determine best means to manage waste

Village waste

at -

18

18 mgd - filtration, neutralization (water not highly acidic)

Studies - about 20,000 lbs/day

Study 1957 - waste stream high and ground level

- Changes in waste stream - first

"addition of more substituted aromatic compounds"

and other organics -

16

Sludge handling -

- about 20,000 lbs/day - to be generated

(to portion that will be done in sludge)

17

Contexts for logical treatment or some method for organics

Current (1971) activated carbon treatment will

Company will report

19

Report Recommendations City of Winoona plans to

write reduction from 1000 lbs/day

Flow Diagram

158902

Sauget

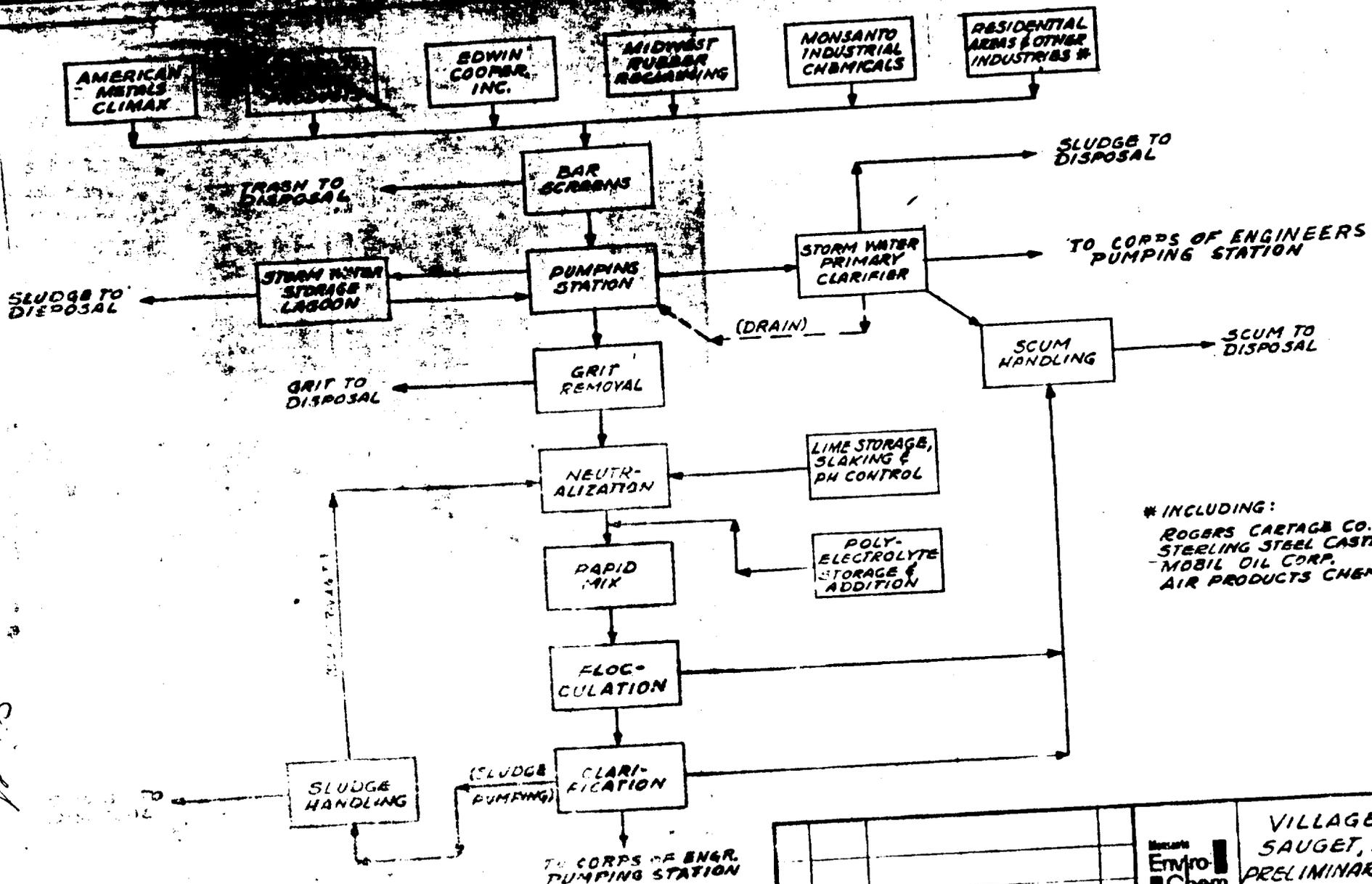
TABLE 3

Recommended Waste Reductions within the Village of Sauget, Illinois

<u>Contributor</u>	<u>Item</u>
American Zinc or American Metals Climax	Flow Metals losses
Edwin Cooper	Flow Floating Oil & Scum BOD ₅ especially low molecular weight organics Odor causing wastes Color Bodies
Cerro Copper	Metals losses
Midwest Rubber Reclaiming	Flow BOD ₅ Rubber Odor Causing Wastes Color Bodies
Monsanto Industries Chemicals Co.	Flow Color Bodies Phenols & other Aromatics BOD ₅ Odor Causing Wastes Chlorine Dumps

Dissolved Solids - Each industry should evaluate costs for reducing dissolved solids discharges. At this time the technology available for removal of dissolved solids from the Village effluent is unproven on this scale and costs are extremely high and uncertain.

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* INCLUDING:
 ROGERS CARTAGE CO.
 STERLING STEEL CASTING
 MOBIL OIL CORP.
 AIR PRODUCTS CHEMICAL

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				VILLAGE OF SAUGET, ILL. PRELIMINARY FLOW DIAGRAM	
NO.	DATE	REVISIONS	BY	DATE	CONT.
			RFIV		